2021 Lecture Series - IGCP-707 Project

In the scope of the IGCP-UNESCO 707 project "**Origin, distribution, and biogeochemistry of arsenic in the Altiplano-Puna plateau of South America**", this free webinar series will provide insights on topics related to the origin and geochemistry of arsenic as well as its effects on human health, remediation technologies, and case studies around the world.

May 14th	Blaine McCleskey	Arsenic aqueous geochemistry in Yellowstone Plateau Volcanic Field.
June 11th	Bernhard Dold	How mine waste remediation intercepts the natural arsenic flow at a marine shore tailings deposit.
July 16th	Prosun Bhattacharya	Arsenic in global groundwaters - impacts and risk mitigation.

Link to register: https://reuna.zoom.us/meeting/register/tZ0oce2opjMsHdd3CmFLTRUwGmyztujsPsGa
YouTube channel: **https://www.youtube.com/channel/**

Web: https://ibigeo.conicet.gov.ar/unesco/
Facebook: https://www.facebook.com/IGCP-707
Twitter: @707igcp
Instagram: https://instagram.com/igcp707

United Nations Educational, Scientific and Cultural Organization

International Geoscience Programme

IUGS

May 14th 2021 (11 AM Argentina (GMT-3) - 8 AM Boulder, CO, USA (MDT))

Talk: Arsenic aqueous geochemistry in Yellowstone Plateau Volcanic Field

By Dr. Blaine McCleskey (USGS)

Dr. Blaine McCleskey works at the United States Geological Survey (USGS) in Boulder, Colorado. He started his career with the USGS in 1997 as a chemist in the National Research Program. In 2010, he obtained a Ph.D. from the University of Colorado where he developed a method to calculate the electrical conductivity of natural waters from its chemical composition. He is currently involved in several research projects in Yellowstone National Park, a wildfire affected watershed, and acid mine drainage sites. He also runs and maintains the Redox Chemistry Laboratory, where analytical methods for determining the redox distributions of iron, arsenic, chromium, and antimony have been developed.